

2014 NEW HAMPSHIRE HIGHWAY & BRIDGE CONSTRUCTION WORK

(SELECTED PROJECTS THAT MAY IMPACT TRAFFIC)



ALBANY- This road and bridge rehabilitation project is located on Rte. 112 (Kancamagus Highway), and extends from the Downes Brook Bridge east approximately 1.2 miles (approximately 1/2 mile west of Bear Notch Road). Within this section, the road will be excavated, filled, and paved. The work also includes six culvert replacements and guardrail replacement. Traffic will be maintained using flagger controlled alternating one-way traffic for the roadwork. During bridge rehabilitation, traffic will be maintained by temporary signals controlling alternating one-way traffic. There will be extended periods where traffic will be maintained on unpaved surfaces. Work on this \$1.6 million project will be completed in the 2014 construction season.

ALSTEAD - NH Route 12A Flood Repairs. Completion of the final wearing course pavement and general clean-up. Work to be done using alternating one-way traffic during work hours.
Completion: June 2014 Cost: \$ 1.8 million

ALTON – This project will involve completely reconstructing the Rte. 28/Stockbridge Corner Road intersection to improve safety. In addition, approximately ½ mile of Rte. 28 will be completely reconstructed, and minor widening of the Rte. 28/Hamwoods Road intersection will take place. During work hours, there will be periods of alternating one-way traffic and several two-week periods where sections of Rte. 28 traffic will be maintained on an unpaved surface. Two-way traffic will be maintained during non-work hours. There will be a maximum four-day closure of Stockbridge Corner Road during which traffic will be re-routed via signed detours. A minimum five-day advance notice of the closure will be via variable message boards on the affected area roads. Work on this \$1.2 million project was started in the fall of 2013 and will continue through the 2014 construction season.

ASHLAND-PLYMOUTH – This project will involve pavement rehabilitation on both the northbound and southbound barrels of I-93, from just south of Exit 24 and running 6.5 miles to just north of Exit 26 in Plymouth. The work will also involve bridge deck rehabilitation on 15 bridges. Bridge work will be done one lane at a time with concrete barrier separating motorists from the work. Pavement work will be done using daytime one-lane closures. Work on this \$9.3 million project will continue through the 2014 construction season.

BEDFORD-MANCHESTER - Safety improvement project involving the installation of median barrier to prevent vehicle crossovers on NH Route 101/I-293 and I-93. Limits of work are from Plummer Hill Road on NH 101 to the I-293/I-93 split. Work will be completed using daytime lane closures at off-peak hours. Some night work will be required. Completion Date: August 2014. Estimated cost: \$1.9 million

BEDFORD-MANCHESTER- Resurfacing of F.E. Everett/I-293 Turnpike northbound and southbound mainline at various locations in Bow and Manchester. A section of work in Nashua will overlay the Exit 5 and Exit 7 ramps. Resurfacing work will be done at night during periods of low traffic volume. Normal traffic patterns will be re-established prior to the beginning of non-work hours. Anticipated completion: September 2014 Estimated cost: \$3.1 million

BERLIN – Rte 110 Realignment & Reconstruction from First Ave. to Wight St. Alternating one-way traffic with flaggers to be maintained during work hours.
Completion Date: September 2015 Cost: \$4.1 million

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CARROLL-JEFFERSON – This project consists of 6.6 miles of pavement rehabilitation on Rte 115, beginning at Rte. 3 in Carroll and ending at Rte 115A in Jefferson. The project also includes drainage repair work. Alternating one-way traffic with flaggers to be maintained during working hours.
Completion Date: September 2014 Cost: \$3.5 million

CHESTERFIELD - NH Route 63. Safety improvements (guardrail replacement) along Spofford Lake. Alternating one-way traffic during work hours. Work to start after Labor Day. Completion: Spring 2015
Estimated cost: \$ 372,000

DERRY – This project will widen NH 28 in the Kilrea Road area, construct left turn lanes on NH 28 at the intersection, install traffic signals, replace existing guard rail, and improve drainage and access. The project begins on NH 28, approximately 1,000 feet north of the intersection of Kilrea Road, and continues southerly along NH 28 for 0.4 miles. Improvements will also be made to Kilrea Road and Windham Depot Road. This work will be completed using a combination of lane shifts and lane closures. No lane closures will be allowed Monday through Friday between 3 pm and 6 pm.
Completion Date: August 2015 Estimated cost: \$1.1 million

DOVER-ROCHESTER-PORTSMOUTH-HAMPTON- Resurfacing of the Spaulding Turnpike/Rte. 16 from Dover to the Rochester Toll, the I-95 Exit 5 southbound on and off ramps in Portsmouth, and the Rte. 27 bridge over I-95 in Hampton. There will be some daytime shoulder closures to allow for adjusting catch basins and curbing and for the installation of new “Move Over” signs at various locations along the Spaulding, FE Everett, and Blue Star (I-95) Turnpikes. Lane closures for paving will be done during off peak hours or at night. This \$3.4 million project is scheduled to be completed in the fall of 2014.

EPPING – Roadway resurfacing on NH 125, beginning north of the NH 101 Exit 7 ramps and proceeding north to just north of the intersection of Railroad Avenue. Daily lane closures are anticipated. Normal traffic patterns will resume prior to non-work hours.
Anticipated completion: November 2014. Estimated cost: \$1.1 million

EPPING-BRENTWOOD – Installation of median protection (guardrail) along NH 101 beginning in Epping, west of Exit 6, and proceeding east to the Little River Bridge in Brentwood. Shoulder closures can be expected during the day. Lane closures will be utilized at night and during off-peak hours.
Anticipated completion: November 2014. Cost: \$2.2 million

EPSOM-NORTHWOOD – Pavement rehabilitation on US 4, beginning approximately 1,000 feet west of the intersection of North Road in Epsom and proceeding east 6.1 miles to just past the intersection of Ridge Road in Northwood. Lane closures will be utilized at night and during off-peak hours.
Anticipated completion: October 2014. Estimated cost: \$2.2 million

FRANCONIA-LITTLETON – I-93 from Franconia Notch to Exit 42 in Littleton, including interchange ramps at Exits 36, 37, 38, 39, 40, 41, and 42. Remaining work includes the installation of new striping throughout the entire project and the installation of expansion joints at most all bridge locations. Milling and inlay paving will occur in the travel lanes from Exit 41 to Exit 42. Traffic will be temporarily reduced to one lane during work hours only.
Completion Date: June 2014 Cost: \$7.6 million

FRANCONIA - LITTLETON – I-93 pavement rehabilitation, extending from Exit 42 in Littleton 6.1 miles to the Connecticut River bridges. I-93 sign replacement at Exits 35, 36, 37, and 38 in Franconia, and at Exit 39 in Littleton. The pavement work consists of in-place recycling of the travel lanes and the removal and replacement of the shoulders. This work will be followed by an overlay of the entire surface. The pavement work also includes the removal and replacement of the ramp pavement at Exits 43 and 44. The project also includes guardrail and drainage replacement. Traffic will be reduced to one lane for extended durations.
Completion Date: August 2015 Cost: \$16.1 million

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GILFORD - This intersection safety improvement project is located at the intersection of Rte. 11A, Belknap Mountain Road, and School House Hill Road. Sections of Rte. 11A will be raised to eliminate blind spots and modest widening will improve sight distance for traffic entering from the side roads. Existing guardrail that is displaced by the widening work will also be replaced. Traffic will be maintained using short duration paved and gravel two-lane shifts. Flagger controlled alternating one-way traffic will be required during some operations. This \$454,000 project is scheduled to be completed in the fall of 2014.

HAVERHILL – Embankment stabilization along Rte 10/25 in North Haverhill. Alternating one-way traffic with temporary signals to be maintained 24/7.

Completion Date: September 2014 Cost: \$1.1 million

HOOKSETT – This project widens and reconstructs US 3/ NH 28, from 700 feet south of Martin's Ferry Rd./Whitehall Rd. (NH 27) to 500 feet north of Benton Road. Improvements include adding left and right turn lanes, installing new signals at three intersections, and adding curb, sidewalks, and closed system drainage.

Anticipated completion: Fall 2014

Estimated cost: \$4 million

KEENE-ROXBURY-SWANZEY - Pavement rehabilitation project - NH Route 10 in Swanzey, 0.3 miles, and NH Route 9 in Keene and Roxbury, 2.6 miles. Alternating one-way traffic during work hours. Expect travel on unpaved surfaces for short durations.

Completion: August 2014 Estimated cost: \$2.8 million

KINGSTON-BRENTWOOD – Pavement rehabilitation on NH 125, beginning 250 feet south of NH 107 (Marshall Road) in Kingston and proceeding 5.3 miles to just 300 feet south of the Brentwood/Epping town line. Work will also include guardrail replacement, curb replacement, minor drainage structure adjustments, and roadside loop detector replacements. Two lanes of traffic will be maintained as much as possible. Alternating one-way traffic will be utilized with lane closures when necessary.

Anticipated completion: September 2014. Cost: \$2 million

LEBANON - US Route 4 over the Mascoma River. Bridge replacement and approach roadway reconstruction. New bridge to be built off-line from existing bridge. Alternating one-way traffic during off peak commute hours can be expected at times. Rail trail use and access will be affected at times (a diversion and detour will be utilized when needed).

Completion: Summer 2016 Estimated cost: \$ 9.3 million

LEE – This project will convert the existing single lane Lee Traffic Circle at the intersection of Rte. 4 and Rte. 125 to a modern two-lane roundabout. The work in 2014 will consist of utility relocations, surface and subsurface drainage system installation, and some miscellaneous road widenings. Road work for the roundabout construction will be done while maintaining the existing traffic configuration until the work in the center of the existing traffic circle is completed and paved. The existing single lane traffic will then be diverted to the center while the outside of the new two-lane roundabout is constructed. Work requiring alternating one-way traffic on the roadway approaches will be done during periods of low traffic at night. Work on this \$2.8 million project will begin in the summer of 2014 and continue into 2015.

LINCOLN – This project consists of pavement rehabilitation and bridge repair work on I-93, from Exit 32 and continuing north 5 miles to the northbound and southbound bridges over the Pemigewasset River. The project also includes pavement rehabilitation work on the ramps at Exit 33, the ramps at Exit 34A, and a small section of Rte 3 north of the Flume. The bridge work includes the rehabilitation of 14 bridges, including a complete deck replacement on the Exit 33 northbound off-ramp. The project also includes drainage repair work, granite curb reset, new guardrail installation, new signs, and new striping. Traffic will be reduced to one lane for extended durations. The Exit 33 northbound off-ramp will be closed from April 2014 through June 2014.

Completion Date: October 2015 Cost: \$14.7 million

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LITTLETON, NH-WATERFORD, VT – Bridge project on I-93 northbound and southbound over the Connecticut River. Full and partial deck repairs to be done on southbound, while northbound will receive a complete deck replacement. Both bridges will be painted. The work on each bridge will be done in two phases with traffic maintained in a single lane for extended durations.

Completion Date: October 2014 Cost: \$8.2 million

LONDONDERRY – This project is part of the Salem-Manchester I-93 corridor widening.

It involves I-93 mainline and interchange reconstruction in the vicinity of Exit 5. It includes reconstruction of I-93, beginning just north of Stonehenge Road and continuing north for 2 miles. It also includes replacement of four I-93 red listed bridges - two over NH 28 and two over the recreation trail. It also includes the construction of wetland mitigation sites that are accessed from Gilcrest Road and South Road southwest of I-93 Exit 4 interchange in Londonderry. All existing travel lanes of I-93 will be maintained during the day. State Police rolling roadblocks will be used during the day during blasting operations. Nighttime lane closures can be expected. Two-way traffic will be maintained on NH 28 between the hours of 6 am and 7 pm. Alternating one-way traffic will be allowed from 7 pm to 6 am.

Completion Date: August 2014 Estimated cost: \$36.7 million

LOUDON- This pavement rehabilitation project is located on Rte. 106 and consists of a 2-inch thick travel way pavement inlay, from just north of the Rte. 129 intersection to the NH Motor Speedway. Traffic will be maintained using off-peak, flagger controlled alternating one-way traffic. In order to maximize the daily work hours, some or this entire project may be done at night at the discretion of the contractor. This \$1.0 million project is scheduled to begin in July and finish by September 2014.

MANCHESTER – This project includes the replacement of 4 “Red Listed” bridges and the rehabilitation of 1 Red List bridge at the I-293 Exit 4 Interchange. The work also includes approximately 0.9 miles of roadway widening and pavement rehabilitation along I-293 through the interchange. Lane closures can be expected during non-peak hours 9 am to 2 pm, and the remaining work will be completed at night or out of traffic during the day. Completion Date: November 2016 Estimated cost: \$26 million

MILTON-WAKEFIELD – This pavement and bridge rehabilitation project will mill out and replace 2 inches of existing pavement from the travel lanes and then overlay the entire width with 1.5 inches of pavement. The work will begin just north of Exit 18 in Milton and extend north to just south of Gage Hill Road. The bridge at the intersection of Rte. 16 and Rte. 125 in Union will also be rehabilitated. During pavement rehabilitation operations, traffic will be maintained using flagger controlled alternating one-way traffic. Lanes will be shifted on the bridge as the deck rehabilitation work is completed in three phases. During one of the bridge phases, a signed truck detour will be in place because long trucks may have difficulty making left turns from northbound Rte. 16 onto southbound Rte. 125. This \$4.1 million project, which began in the fall of 2013, is scheduled to be completed by the end of the 2014 construction season.

MOULTONBOROUGH - This project, which began in the fall of 2013, constructs surface and subsurface drainage systems and adds a bypass shoulder to Rte. 25 at the intersection of Fox Hollow Road. The remaining work to be completed in 2014 consists of a minor amount of shoulder work and overlaying the existing pavement and the binder pavement that was placed in 2013. Flagger controlled alternating one-way traffic will be used during periods of construction. Work on this \$498,000 project will be completed by the end of June 2014.

NASHUA-MERRIMACK – This project includes placing a bonded wearing course on U.S. Rte. 3, beginning at the Henri Bourque Highway in Nashua and proceeding north for 4 miles to the intersection of Greeley Street in Merrimack. The work involves crack seal work, guard rail upgrades, and paving. Work will be completed during the day using lane shifts, maintaining two-way traffic during commuter hours, and lane closure during non-peak hours.

Completion Date: August 2014 Estimated cost: \$1 million

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NEWINGTON-DOVER – Continuing construction of NH 16 /US 4 /Spaulding Turnpike, Exit 3 and 4 Interchange and mainline turnpike widening to tie in with the newly constructed bridge over Little Bay. Motorists should expect some lane shifts, redirection, and delays around this work.
Anticipated completion: Fall 2015 Estimated cost: \$48 million

NEW LONDON - GRANTHAM - I-89, Exit 12 A to Exit 13. Pavement overlay project. Lane closures can be expected during work hours. Completion: spring 2015 Estimated cost: \$ 3.0 million

NORTH HAMPTON– Rehabilitation of the bridge carrying NH 111 over I-95, as well as minor pavement match-ins, guardrail replacement, and removal/reinstallation of two bridge-mounted signs. Temporary traffic signals on NH 111 will be utilized for alternating one-way traffic to minimize delays to motorists. Limited lane closures are expected on I-95 and, when necessary, work will be done at night.
Anticipated completion: October 2014 Cost: \$1.4 million

PELHAM – This project involves construction of two roundabouts on NH 111A (Marsh Rd/Windham Rd) in the Pelham town center, partial reconstruction of NH 111A, and the relocation of Acorn Lane (formerly Gibson Drive), from Old Bridge Street to Marsh Road. The project also includes reconstruction of roadway drainage, new curb and sidewalks, landscaping, and utility relocations. This work will require lane closures and alternating one-way traffic. Anticipated completion: October 2013 Cost: \$2.8 million

PITTSBURG – This project will reclaim the existing Rte. 3 pavement, from 1,500 ft. south of Ad Chase Road to Heath Road. Six inches of new pavement will be on the new base course. Additional work includes drainage repair, guardrail replacement, new signs, and new striping. Alternating one-way traffic with flaggers to be maintained during working hours.
Completion Date: October 2014 Estimated cost: \$2.7 million

PITTSFIELD- This intersection improvement project upgrades the existing traffic signals and changes the lane configurations at the Rte. 28/107 intersection. Two-lane traffic will be maintained during most of the project, except for several short duration periods of flagger and police officer controlled alternating one-way traffic. This \$319,500 project is scheduled to be completed by the end of summer 2014.

PLYMOUTH-CAMPTON - This pavement preservation project places a bonded wearing course pavement on I-93 northbound and southbound, from just north of the bridge over Rte. 3 (Mile Marker 82) in Plymouth, 1.8 miles north to just south of Exit 27. The project also includes guardrail upgrades in this section of I-93. The work will be accomplished using daytime lane and shoulder closures.
This \$693,000 pavement preservation project is scheduled to be completed by mid-August 2014.

PORTSMOUTH - US 1 Bypass. Remove US 1 southbound bridge over US 1 Bypass, just south of Greenleaf Avenue. Anticipated completion: Summer 2014 Estimated cost: \$4.5 million

PORTSMOUTH – Replacing two “Red List” bridges over the US 1 Bypass - the Middle Road Bridge and Islington Street Bridge. The Middle Road Bridge is nearly complete, with only sidewalk and pavement work to be done in the summer of 2014. The Islington Street Bridge is anticipated to be closed through 2014. Detours will be in place to direct motorists to alternate routes. Work will require lane closures on US 1 Bypass during off peak hours. A temporary shutdown of US 1 Bypass will also be required during steel erection work. Anticipated completion: fall 2015 Cost: \$4.4 million

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PORTSMOUTH – Replacing the Maplewood Avenue Bridge over US 1 Bypass. Work will also consist of pavement rehabilitation, drainage work, and construction of single slope median barrier on the US 1 Bypass, beginning 0.6 miles north of the Portsmouth traffic circle and proceeding north 0.2 miles just south of the Sarah Mildred Long Bridge. Work on Maplewood Avenue, beginning at the intersection of Cutts Street continuing south approximately 900 feet, will consist of complete pavement reconstruction, sidewalk construction, guardrail replacement, and drainage work. One northbound lane and two southbound lanes of travel will be maintained on the US1 Bypass. Temporary lane closures will be permitted during off-peak hours. Temporary shutdown of US 1 Bypass will be required during the nighttime removal of the bridge. Anticipated completion: November 2015 Cost: \$3.9 million

PORTSMOUTH – Replacement of guardrail along NH 16 in Portsmouth, beginning at the traffic circle proceeding north a total of 0.5 miles using both median box beam and w-beam guardrail. Work also includes the rehabilitation of existing drainage system within the median. Minimal effects on the flow of traffic are expected. Anticipated completion: September 2014 Cost: \$700,000

PORTSMOUTH, NH – KITTERY, ME – Replacement of the US 1 Memorial Bridge over Piscataqua River; the Scott Avenue Bridge; and Kittery approach spans. Limited daily and nightly lane closures needed to complete punch list items of work. The bridges were reopened to traffic on August 8, 2013. Anticipated final project completion is July 2014. Cost: \$81.4 million

SALEM – This project is part of the Salem-Manchester I-93 corridor widening. It will reconstruct and widen the northbound and southbound barrels of I-93 in the area of Exit 2, reconstruct northbound and southbound Exit 2 ramps, reconfigure the southbound ramps from cloverleaf to diamond-type design, replace the northbound and southbound I-93 bridges over Pelham Road, and reconstruct a portion of Pelham Road. To allow for the reconstruction of I-93, a temporary bridge and lane shifts will be utilized. Lane shifts and alternating one-way traffic will also be used on Pelham Road. Anticipated completion: June 2015 Estimated cost: \$40.9 million

SEABROOK – Completion of the widening of the NH 107 bridge over I-95 as well as the construction of pavement widening and sidewalk construction along NH 107. Lane closures on NH 107 and I-95 are anticipated for final paving, and striping. Anticipated completion: Summer 2014 Cost: \$6.8 million

SEABROOK-PORTSMOUTH – Replacement of guardrail on I-95 (Blue Star Turnpike) along 13.5 miles between Seabrook and Portsmouth. Minimal effects on the flow of traffic are expected, with lane closures only permitted during off peak hours. Anticipated completion: October 2014. Estimated cost: \$576,000

WENTWORTH – RUMNEY - NH Route 25 from Wentworth Village to ½ mi. east of the Rte 118 intersection in Rumney. Remaining work includes final paving and shoulder gravel throughout the entire project. Alternating one-way traffic with flaggers to be maintained during working hours. Completion Date: June 2014 Cost: \$7.1 million

WILTON - Bridge deck replacement project on NH Route 31 over the Souhegan River. Bridge will be closed to traffic for a 6 week period beginning in early July. A signed detour will be in place for this period. Alternating one-way traffic during work hours can be expected outside of the closure period. Completion: September 2014 Cost: \$885,000

WINCHESTER-SWANZEY - NH Route 10 over the Ashuelot River. Bridge replacement and roadway approach reconstruction. Alternating one-way traffic during work hours. Expect travel on unpaved surfaces for short durations. Completion: July 2015 Cost: \$ 3.9 million

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WINDHAM – This project is part of the Salem-Manchester I-93 corridor widening in the Exit 3 area. It involves the final I-93 northbound mainline construction in the Exit 3 area, including northbound n and off-ramps construction, the NH 111 reconstruction, and NH 111A reconstruction in Windham. State Police rolling road blocks will be utilized for ledge blasting operations. Truck crossings and alternating one-way traffic can be anticipated on NH 111 and NH 111A.

Anticipated completion: October 2016 Estimated cost: \$32 million

WINDHAM – This project is part of the Salem-Manchester I-93 corridor widening at Exit 3. It constructs over 3 miles of the new southbound section of the highway, as well as the new southbound on-ramp. Southbound traffic has already been diverted onto the new northbound section of roadway constructed by previous projects. Work on this project will have a minimal effect on the traveling public.

Anticipated completion: July 2015 Estimated cost: \$33 million